

Fig. 1a

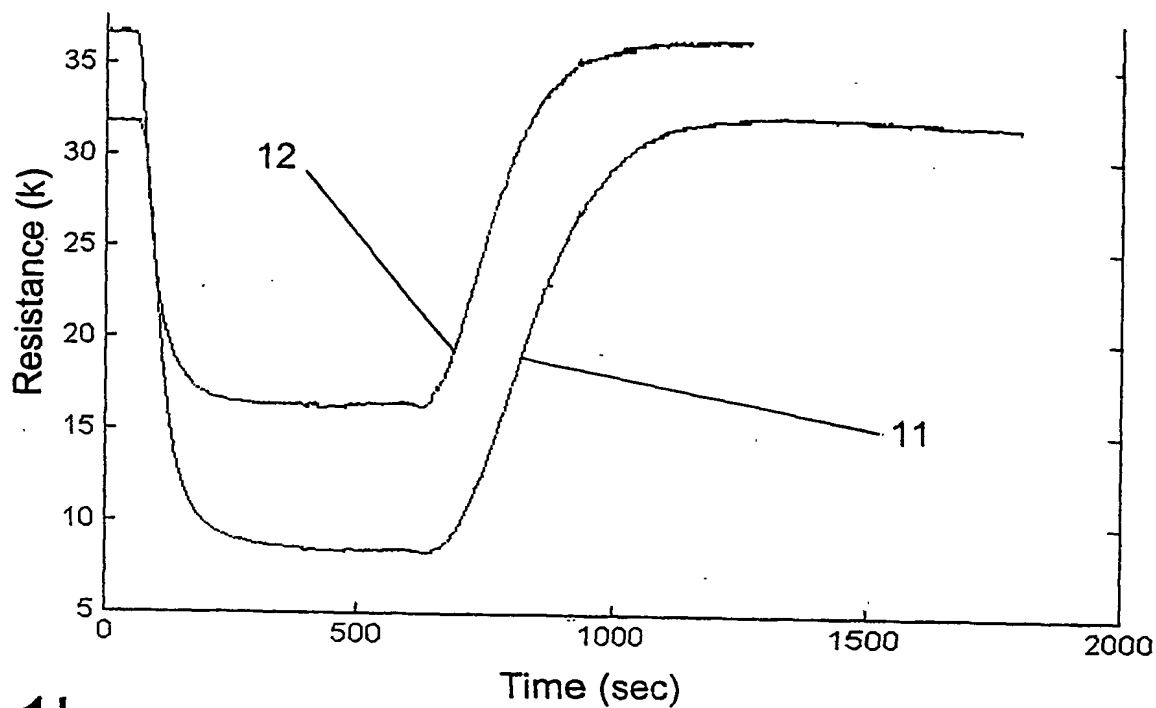


Fig. 1b

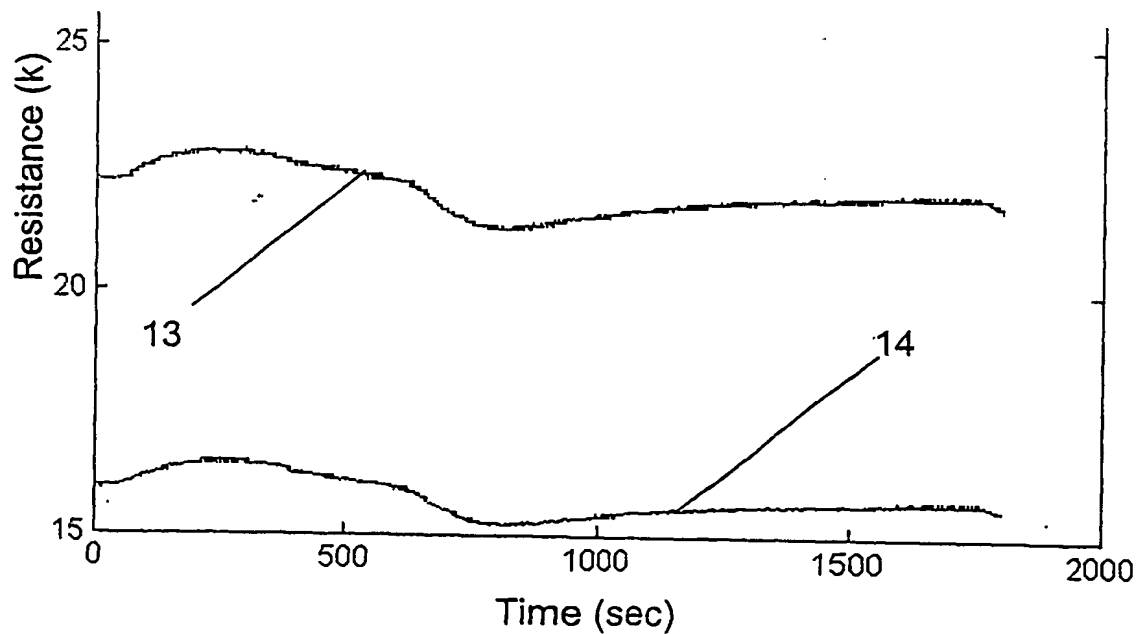


Fig. 2

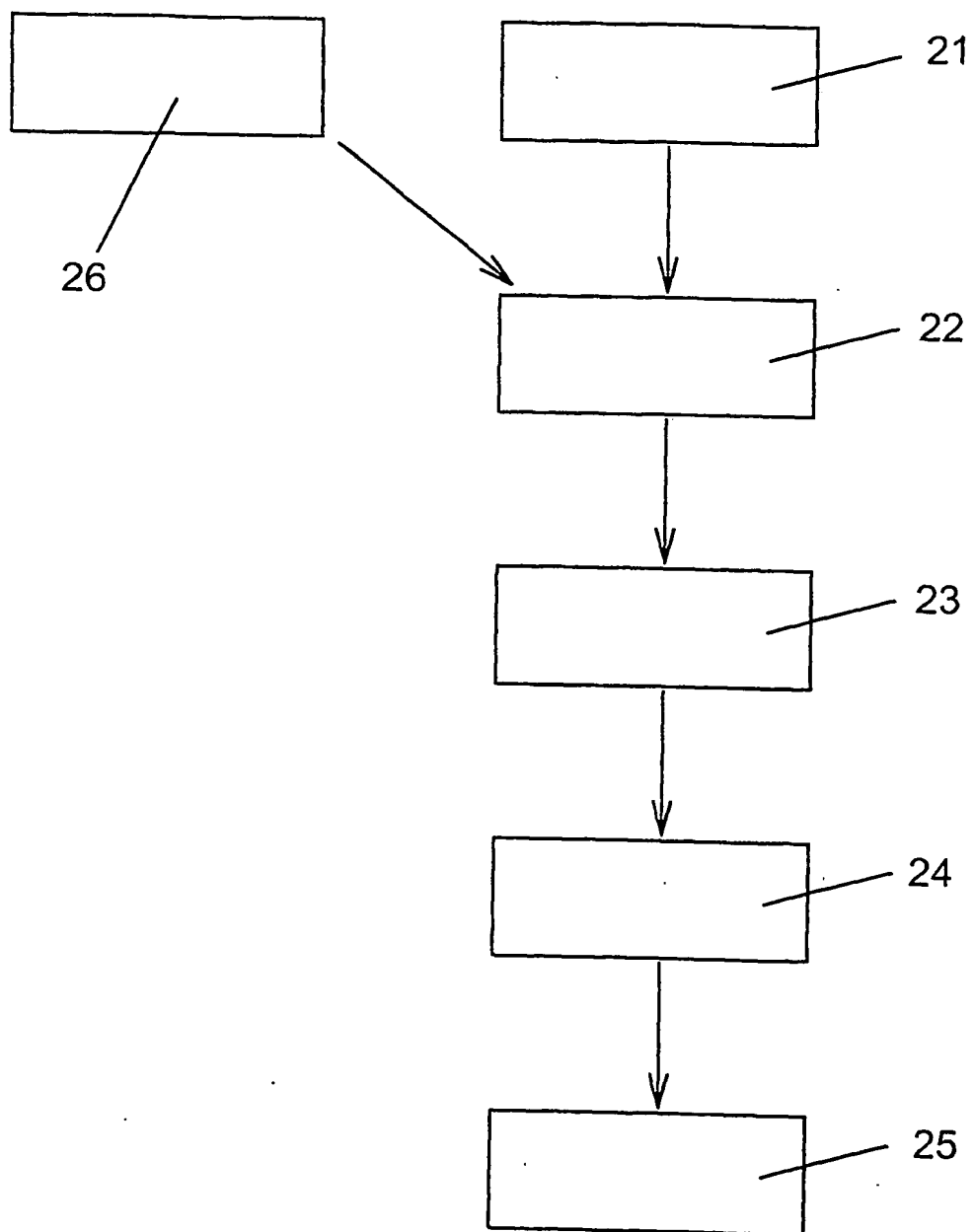


Fig. 3



Points on principal component 2

Points on principal component 1

Alarm

Alert

Pure carbon dioxide

$I_1$

$I_2$

$I_1 + I_2$